

# Preparation of 2-hydroxypropylammonium carboxylates

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AB RR1R2N+CH2CH(OH)CH2O2CZCO2- [I; R = C4-36 alkyl, C4-36 alkenyl; R1, R2 = C1-4 alkyl, hydroxyalkyl, (CH2CH2)nH, n = 1-16; Z = CH:CH, alkenyloxy, etc.] useful as antistatic agents, microbicide, and sequestering agents for metals such as Ca2+ and Fe3+, were prepd. by reacting ClCH2CH(OH)CH2O2CZCO2R4 (R4 = H, NH4, alkenyloxy, etc.) with RR1R2N. Me(CH2)17N(BuOH)2, LiOH, and ClCH2CH(OH)CH2O2CCH2C(:CH2)CO2H were reacted in presence of EtOH to give I [R = C18H37, R1 = R2 = BuOH, Z = CH2C(:CH2)] (II). Antistatic, microbicidal and sequestering activity of II was demonstrated.

IT 132387-56-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of, as bactericide and antistatic and sequestering agent)

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CN Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[butyl[3-[(3-carboxy-1-oxo-2-propenyl)oxy]-2-hydroxypropyl]iminio]di-2,1-ethanediyl]bis[.omega.-hydroxy-, inner salt, (E)- (9CI) (CA INDEX NAME)

